

KEMENY, Pal, dr.; HODOSI, Julia, dr.; SZANTO, Imre, dr.

Treatment of sustained convulsions in childhood with N<sub>2</sub>O  
anesthesia. (Preliminary report). Orv. hetil. 105 no.15:  
681-683 12 Ap'64

1. XIII. Tanacs VB., Madarasz uti Csecsemo es Gyermekkorhaz.

\*

HORVATH, D.; KEMENY, P.; CSONTOS, E.

Nautisan poisoning in childhood. Orv. hetil. 105 no. 21:  
1001-1003 24 My '64

\*

KEMENY, Pal, dr.; DANIEL, Ferenc, dr.; KOTELECS, Gyorgy, dr.

Cases of thoracic injuries caused by blunt trauma in childhood. Orv. hetil. 105 no.25:1166-1170 21 Je'64

1. XIII. Tanacs VB., Madarasz-u. Csecsemo es Gyermekkorhaz.

KEMENY, P.; KOTVICS, Gy.; DANIEL, F.

Clinical aspects of blunt chest injuries in childhood. Acta  
paediat. Acad. sci. Hung. 5 no.3:329-338 '64

1. Madarasz-Street Children's Hospital, Budapest.

KEMENY, Pater

Radiation of accelerating electrons. Fiz szemle 15 no.1:16-23  
Ja '65.

L 9015-66

ACC NR: AP6001814

SOURCE CODE: HU/0021/65/000/001/0034/0036<sup>13</sup>

AUTHOR: Koteles, Gyorgy--Ketelesh, D. (Doctor); Kemeny, Pal--Kemen', P. (Doctor)<sup>B</sup>

ORG: XIII. District Council Executive Committee, Madarasz Street Infant and Pediatric Hospital, Budapest (XIII. ker. Tanacs VB. Madarasz u.-i Csecsemo-es Gyermekkorhaz)

TITLE: Indications of x ray examination of children

SOURCE: Magyar Radiologia, no. 1, 1965, 34-36

TOPIC TAGS: pediatrics, x ray analysis, radiology

ABSTRACT: The correct establishment of the indications for X-ray examination of children is assured by a close cooperation between the pediatrician and the radiologist. Mostly roentgenograms should be made, although radioscopy is also considered to be indispensable in some cases. Gastric passage examinations can often be avoided by thorough clinical examinations. The increase in the number of pyelographies in recent years is considered to be justified. The X-ray control of usual pulmonary processes can mostly be avoided after careful physical examinations and a close observation of the patient. Along with the uniform reorganization of the pediatric care, the X-ray examination of children should also be systematized by the establishment of a pediatric radiologist network. Orig. art. has 3 figures. /JPRS/

SUB CODE: 06 / SUBM DATE: none  
Card 1/1 jw

KEMENY, S. Vol. 1, no. 6, June 1954. (Jarmuvek es Gepek)

Redrafting plans to change a 1,100-ton ship into a 1,500-ton vessel. p. 166.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

KEMENY, S.

Guiding principles for the design of a modern Danube-seagoing ship. p. 178.  
Vol 2, no. 6, June 1955. JARMUVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary.

So. Eastern European Accession. Vol 5, no. 4, April 1956



K. G. Y. P.

Recent developments in thermoelectric measuring techniques. . . P. 1.

Abstracts of HUNGARIAN. (Teresteknikai és Automatizálási Tudományok Közleményei)  
Budapest, Hungary. Vol. 7, no. 1, 1959.

Monthly List of East European Accession (Soviet) 10, Vol. 4, no. 1, Jan. 1960

Uncl.

FODOR, Gyorgyne, okl. villamosmernok.; KEMENY, Tamas, okl. gepeszmernok

Electrical and electronic scales. Meres automat 8 no.5:140-146 '60.

1. Merestechnikai Kozponti Kutato Laboratorium.

9.2540 (1020, 1138, 1159)

21203

H/012/60/008/006/002/002  
B122/1221

AUTHOR: Kemény, Tamás, Research Engineer (see Association)

TITLE: Simple stabilizer circuit for low voltages

PERIODICAL: Mérés és Automatika, v. 8, no. 6, 1960, 186-187

TEXT: The author describes the principles and the calculation methods of a bridge circuit (Fig. 1) consisting of two dial lamps and two resistors, and used for the stabilization of direct and alternating voltages. Low-voltage stabilizer circuits have gained importance with the recent spread of the use of transistorized circuits and instruments. From the theory of the Wheatstone bridge it follows that by a proper choice of resistors (R), the output voltage can be stabilized while the input voltage is varied between certain limits. Fig. 2 presents the I(U)(current versus input voltage) diagrams of the two (1 and 2) branches of the bridge. The combined diagram of Fig. 3 is obtained by superposition of the two diagrams (1 and 2) of Fig. 2. From the combined diagram, the output voltage is obtained as the difference of the voltage falling to the share of the resistor of one branch of the bridge and of the voltage share of

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Simple stabilizer circuit for ...

21203

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B122/B227

the lamp of the other branch:  $U_{\text{output}} = U_{\text{resistor}} - U_{\text{Lamp}}$ . Calculation of the circuit; a) The voltage rating of the incandescent lamp is chosen to equal the voltage to be stabilized. b) The  $U_L/I$  (voltage/amp.) characteristic of the incandescent lamp is plotted. c) The working point (M) on the combined diagram is chosen so high that the straight line R of the resistor is parallel to the tangent drawn at point M to the characteristic of the lamp. d) At working point M, a tangent is drawn to the characteristic, and the resistance of the incandescent lamp is determined from the slope of the tangent. e) From resistors equal to the former, the bridge circuit is built up. The author has built up the circuit of dial lamps of type Tungeram 6969 (6.5 v, 0.1 a), and taking the working point at  $U_L = 5.5$  v, he found the following values:  $R = 133$  ohms;

$U_{\text{input}}: 15.8$  v;  $U_{\text{output}} = 4.8$  v; stabilization factor: above 0.05. The system has been successfully applied at the Central Research Laboratory for Measuring Technique in a cold-junction compensator designed for heat-engineering work. There are 3 figures and 5 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The 1 reference to English-language publication reads as follows:

Card 2/5

Simple stabilizer circuit for ...

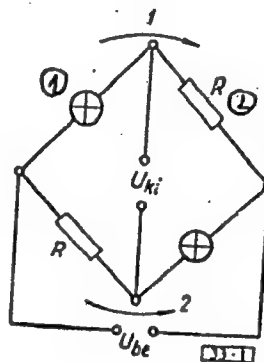
21203

H/012/60/008/006/002/002  
B122/B227

(4) Sylvania News, May 1959.

ASSOCIATION: Méréstechnikai Központi Kutató Laboratórium (Central  
Research Laboratory for Measuring Technique)

Fig. 1: Stabilizer bridge circuit.  
Legend: 1) Incandescent lamp;  
2) Resistor;  $U_{ki}$  - output voltage;  
 $U_{be}$  - input voltage



Card 3/5

KEMENY, Tamas, okl. gépész- és villamosmérnök

Continuously charging scales. Meres automat 9 no.5:143-150 '61.

1. Merestechnikai Kozponti Kutato Laboratorium.

KEMENY, Tamas

Closing of the IMEKO 1961 congress. Mérés automat. 9 no.7:207 '61.

1. "Mérés es Automatika" szerkeszto bizottsagi tagja.

KEMENY, Tamas, okl. gepesz- es villamosmernok

"Tenzokomp" automatic electronic compensator without slide contacts.  
Meres automat 9 no.12:364-367 D '61.

1. Merestechikai Kozponti Kutato Laboratorium tudomanyos munkatarsa  
es Szerkeszto bizottsagi tag, "Meres es Automatika."

(Electronic measurements)



KEMENY, Tamas

Electrical measuring technology for mechanical quantities.  
Meres automat 10 no.4:113 '62.

1. "Meres es Automatika" szerkeszto bizottsagi tagja.

KEMENY, Tamás; KOVACS, Sándor

Report on the 3rd International Conference on Measurement and Instrument Technology, IMEKO-1964, Stockholm. Meres automat 10 no.4:97-101 '62.

1. "Meres es Automatika" szerkeszto bizottsaganak tagjai.

KEMENY, Tamas, okleveles gepesz- es villamosmernok

Accuracy questions of installations equipped with strain gauge strength and pressure measuring cells. Meres automat 11 no.1:17-22,24 '63.

1. Merestechikai Kozponti Kutato Laboratorium; "Meres es Automatika" szerkeszto bizottsagi tagja.

KEMENY, Tamas, okleveles gepesz- es villamosmernok

Digital data display. I. Meres automat 11 no.2:36-40 '63.

1. Merestechikai Kozponti Kutato Laboratorium; "Meres es Automatika"  
szerkeszto bizottsagi tagja.

KEMENY, Tamas, okleveles gépész- és villamosmérnök

Digital data display. Pt. 2. Mérés automat 11 no.3:66-73 '63.

1. Méréstechnikai Központi Kutató Laboratorium; "Mérés és Automatika" szerkesztő bizottsági tagja.

KEMENY, Tamas

Radio servicing idea. Radiotekhnika 13 no.7:253 J1 '63.

KEMENY, Tamas, dr., okleveles gepesz- es villamosmernok

Electronic balances. Koh lap 96 no.4:164-168 Ap '63.

1. Merestechnikai Kozponti Kutato Laboratorium tudomanyos munkatarsa.

KEMENY, Tamas, okleveles gépész- és villamosmérnök

"Tensopond" electronic weighing machine. Mérés automat 12  
no. 6, 173-177 '64.

1. Central Research Laboratory of Measuring Technique, Budapest; Editorial board member, "Mérés és Automatika."



ALMASSY, Gyorgy, dr.; BOROMISZA, Gyula; FERENCZY, Jeno; HAAS, Andras; JUHASZ, Endre; KEMENY, Tamas; KOVACS, Ivan; LESLTER, Jozsef; LUKACS, Gyula, dr.; PETIK, Ferenc; SZLAVIK, Ferenc; SZOMBATHY, Emil, dr.; TARNAY, Zalman, dr.

Lectures delivered at the 3d International Measurement Conference.  
Meres automat 12 no.9:270-292 '64.

1. Editorial board member, "Meres es Automatika" (for Almassy, Boromisza, Juhasz, Kemeny, Lukacs and Tarnay).

L 42272-66  
 ACC NR: AP6031496 SOURCE CODE: HU/0012/65/013/006/0172/0176

AUTHOR: Kemeny, Tamas—Kemen', T. (Graduate mechanical engineer; Graduate electrical engineer; Scientific head) 23

ORG: Central Research Laboratory for Measurement Technology (Merestechnikai Kozponti Kutato Laboratorium)

TITLE: Simple method for calibrating and controlling of mechanical instruments for oscillation measurements

SOURCE: Meres es automatika, v. 13, no. 6, 1965, 172-176

TOPIC TAGS: instrument calibration equipment, electric measuring instrument

ABSTRACT: A simple device, operating on the inertia principle, was developed for generating oscillations within a wide frequency range, i.e., between a few cycles to several hundred cycles per second. The uses of this device for the calibration and checking of electrodynamic instruments designed for vibration measurement was described. One of these devices operates at the Chair for Instruments and Fine Mechanics at the Technical University (Műszaki Egyetem Műszer es Finommechanikai Tanszék) in Budapest. The device is patented (Hungarian Patent No. 149,842). Orig. art. has: 11 figures. [JPRS: 32,496]

SUB CODE: 09 / SUBM DATE: 08Mar65 / ORIG REF: 006 / OTH REF: 005

Cord 1/1 *ph* UDO: 681.2.089.6:534.1.08  
 0918 2717

11E

CA

The effect of vitamin E on protein deficiency. Titus  
Kemény, Péter Véghegyi, and József Sós (Univ., Budapest,  
Hung.). *Kisérleti Orvostudomány* 1, 111-113(1949).—  
Daily 20-mg. doses of  $\alpha$ -tocopherol acetate (vitamin E) (I)  
prevented wt. loss and injuries to liver, lung, pancreas, and  
kidney, in adult albino rats, caused by diets deficient in  
methionine (II) and in other S-contg. amino acids. Hypo-  
proteinemia caused by II deficiency can be cured by ad-  
ministering I and the lack of 30-40 mg. II can be compen-  
sated by peroral daily 20-mg. doses of I. I did not prevent  
wt. loss in young animals, where II deficiency was lethal,  
although the protective action of I was affirmed. I. F.

1144

Alteration of pancreatic cysts and their experimental formation. Péter V. Végheyl, Tibor Kemény, and József Sós (Univ., Budapest, Hung.). *Kísérleti Orvostudomány* 2, 137-40(1950).—Daily subcutaneous doses of 0.04 g.  $\text{CCl}_4$ /100 g. body wt. in male albino rats caused alterations in pancreas with cysts and fibrosis, whereas 1.0-g. doses caused severe necrosis with lethal effect in several days.  
István Földi

CA 116

.....  
Dietary lesions of the pancreas. Peter V. Végheley,  
Tibor T. Kossuth, Joseph Horvath, and Joseph Sós  
(Petruș Ponișny, Univ., Budapest). *Am. J. Diseases  
Children* 70, 658-66 (1968)—In infants the first sign of the  
illness characterized by fatty liver and edema, caused by  
lack of animal protein, is the cessation of pancreatic func-  
tion. Rats were fed diets in which yeast or glue was the  
only source of protein. Dissect. of the secretory system  
of the pancreas, cystic changes, and cirrhosis developed.  
Casein supplements to the glue diets exerted a protective  
action. Felix Saunders

FIAM, B.; KEMENY, T.; MAKÓ, E.

Effect of thrombin preparations upon tissues. Orv.hetl. 91 no.18:  
553-555 30 Ap '50. (CML 19:2)

1. Pathophysiological Institute, Budapest University.

SOS, J., VAGHELYI, P., KEMENY, T., POZSONYI, J.

Experimental lesions of the pancreas; effect of defective diets and of poisoning. Orv. hetil. 91:27, 2 July 50. p. 833-9

1. First Pediatric Clinic and Pathophysiological Institute, Budapest Institute.

CHL 19, 5, Nov., 1950

KEMENY, T. 1951

(Pathophysiol. Inst. U. of Budapest)

"Connections Between Experimental Injuries to the Pancreas and Liver."

Acta Physiol (Budapest), 1951 2/1 suppl (33)  
No abst. in Exc. Med.



KFMENY, T. 1951

(Pathophysiol. Inst., U. of Budapest)

"Experimental Deficiency Lesions of the Gastrointestinal Tract."

Acta Physiol (Budapest), 1951 2/1 suppl (32)

Abst: Exc. Med. No.

VEGHELYI, P.; KEMENY, T.; POZSONYI, J.; SOS, J.

Experimental modifications of the pancreas. I. The effects of dietary deficiencies and poisoning. Acta med.hung. 2 no.1:155-170 1951.  
(CML 20:7)

1. Of the First Pediatric Clinic (Director--Prof. P. Kis) and of the Institute of Pathophysiology (Director--Prof. J. Sos) of Budapest University.

FILIPP, G.; KEMENY, T.

Pituitary gland and anaphylaxis. Kiserletes orvostud. 3 no.2:124-127  
1951. (CIME 21:1)

1. Doctors. 2. Internal Clinic of Debrecen University and Institute  
of Pathology of Budapest University.

KEMENY, T.; SOS, J.; VEGHLYI, P.

~~XXXXXXXXXX~~  
Bronchial changes due to toxic agents and diet. Kiserletes orvostud.  
3 no.2:128-131 1951. (CLML 21:1)

1. Institute of Pathology and First Pediatric Clinic, Budapest Medical University.

KEMENY, T.; FILIPP, G.; CSALAY, L.; KERNHEGYI, M.

Gonads, thymus and anaphylaxis. Kiserletes orvostud. 3 no.2:145-147 1951. (CML 21:1)

1. Doctors. 2. Institute of Pathology of Budapest University and the Internal and Surgical Clinics of Debrecen University.

FILIPP, G.; KEMENY, T.

Pituitary gland and anaphylaxis. Acta med. hung. 2 no.3-4:421-425  
1951. (CLML 23:2)

1. Of the Department of Medicine of Debrecen University and of the  
Department of Pathological Physiology of Budapest University.

SOS, J.:TOTH, F.:KEMENY, T.

The effect of amino acid-deficient diet on the growth of experimental tumors. Kiserletes orvostud. 4 no. 4:284-288 Aug 1952.

(CML 23:5)

1. Doctors. 2. Pathophysiology Institute, Budapest Medical University.

KEMENY, T.;TOTH, E.;RUDAS, I.;SOS, J.

Effect of methionine deficiency of the bone. Acta physiol. hung.  
4 Suppl:53-54 1953. (CML 25:1)

1. Of the Institute of Pathophysiology of Budapest University.



SOS, J.; KEMENY, T.; SCHMALL, M.

Modifications of the genitals of male rats caused by partial methionine deficiency. Acta physiol. hung. 4 no.1-2:211-218 1953. (CML 25:1)

1. Of the Institute of Pathophysiology of Budapest University.

ran

KEMENY, T.; KERTAI, P.; WEISZ, P.

The effect of aneurin on the pituitary-adrenal cortex system. Orv. hetil.  
94 no.23:625-626 7 June 1953. (CML 25:1)

1. Doctors. 2. Institute of Pathophysiology (Director -- Prof. Dr.  
Jozsef Sos), Budapest Medical University.

KEMENY T., KERTAI P. and WEISZ P.

Pathophysiol. Inst., Med. Univ., Budapest. \* Weitere Untersuchungen über Zusammenhang zwischen Aneurin und dem Hypophysen - Nebennierenrindensystem. Further studies on relationships between vit. B<sub>1</sub> and the pituitary - adrenal cortex system ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (91)

SO: Excerpta Medica Section II Vol. 7, No. 12

KEMENY, T.

Action of thiamine on the hypophyseal-adrenal system.  
T. Kemény, P. Kertai, and P. Weiss (Univ. Budapest).  
*Acta Physiol. Acad. Sci. Hung.* 5, 131-7 (1954) (in German).  
--In spinally transected rats thiamine (I) did not change the  
adrenal ascorbic acid (II) but did prevent the decrease in II  
which usually followed the subcutaneous administration of  
adrenaline or histamine. In intact rats adrenaline-ascor-  
bic acid deficiency was prevented by I. Adrenocorticotropin (III)-induced  
lowering of II or ascorbic acid deficiency were not influenced by I.  
I appeared to block the liberation of III. S. Ellis

**KEMENY, T.; SOS, J.; VAGHONYI, P.**

Effect of intrauterine injuries on pancreas. Acta physiol. hung.  
Supp. no.6:58-59 1954.

1. Pathophysiologisches Institut und I. Padiatrische Klinik der  
Medizinischen Universität, Budapest.

(FETUS, dis.

pancreas dis. caused by carbon tetrachloride & methionine  
defic. in pregnant dogs)

(PREGNANCY, physiol.

methionine defic. & carbon tetrachloride causing pancreas  
dis. in dog fetus)

(METHIONINE, defic.

in pregn. causing pancreas dis. in dog fetus)

(PANCREAS, dis.

in fetus, caused by carbon tetrachloride & methionine  
defic. in pregnant dogs)

VEGHÉLYI, Peter EISERT, Arpad; KEMENY, Tibor; LUDVAN, Sándor;  
SCHULTZ, Andras

Hypothermia and hibernation. II. Technic of hibernation. Orv  
hetil 95 no.14:380-384 Ap '54. (REAL 3:8)

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-  
jának (igazgató: Gogesi Kiss Pál dr. egyet. tanár), Korelettani Intézetének  
(igazgató: Sos József dr. egyet. tanár) és Pécsi Orvostudományi  
Egyetem II. sz. Sebészeti Klinikájának (igazgató : Kudass József  
dr. egyet. tanár) közleménye.  
(HIBERNATION, artif.  
\*in surg., technic)

*Kemény, Tibor*

POKA, László, dr.; RINGELHANN, Béla, dr.; KEMENY, Tibor, dr.; KONYA,  
Zoltán szig. orvos

Results of clinical and laboratory examinations after total  
gastrectomy. Orv. hetil. 95 no.27:723-729 4 July 54.

- I. A Hevesmegye Tanácsa Kórhaza, Eger (igazgató: Fülöp Béla dr.)
- II. sz. Sebészeti Osztálynak (vezető: Peka László dr.), Laboratóriu-  
manak (vezető: Ringelhann Béla dr.) és a Budapesti Orvosi Egyetem  
Kóreléttani Intészetének (igazgató: Sos József dr.) közleménye  
(STOMACH, surgery  
gastrectomy, total, postop. clin. & laboratory aspects)

~~KEMENY~~ Tibor, dr.; SOS, Jozsef, dr.; VEGHELYI, Peter, dr.;  
SCHNELL, Maria, technikai segedletevel.

Effect of intra-uterine lesions on the pancreas. Orv. hetil.  
96 no.18:486-489 1 May 55.

1. A Budapesti Orvostudományi Egyetem Kóreltani Intézetéből  
(Igazgató: Sos, József dr. egyet. tanár) és I. Gyermekklinikájáról  
(Igazgató: Gegesi-Kiss, Pál dr. egyet. tanár) közleménye.

(PREGNANCY,

eff. of intrauterine inj. on pancreas in offspring in  
dogs.)

(PANCREAS, physiology,

eff. of intrauterine inj. in pregn. dogs on pancreas  
in offspring.)



SOS, J.; CSALAY, L.; FEHER, I.; KEMENY, T.; PERENYI, L.; WEISZ, P.;  
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

Experiments with glutamic acid antimetabolites. Kiserletes  
orvostud. 8 no.4:380-390 July 56.

1. Budapesti Orvostudományi Egyetem Korelattani Intezete.  
(GLUTAMATES, metab.  
glutamic acid antimetabolites (Hun))

SOS, Jozsef; OSALAY, Laszlo; KEMENY, Tibor; HARMOS, Gyorgy; PERENYI, Laszlo;  
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

Studies on the aspartic acid antagonism of 2-thio-5-acetylhydantoin.  
Kiserletes orvostud. 8 no.4:390-397 July 56.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.  
(ASPARTIC ACID, antag.  
2-thio-5-acetylhydantoin (Hun))  
(HYDANTOINS, eff.  
2-thio-5-acetylhydantoin, aspartic acid antag. & inj. eff.  
(Hun))

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HUNGARY / Pharmacology and Toxicology--Chemotherapeutic V-6  
Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

Author : Sos, J., Csalay, L., Feher, I., Kemeny, T.,  
Perenyi, L., Welsz, P.

Inst : Hungarian AS - *Inst Pathophysiology, Univ. Med. School*

Title : The Study of the Antimetabolites of Glutamic Acid

Orig Pub: Acta physiol. Acad. sci. hung., 1956, 10, No 2-4,  
407-420

Abstract: The effect of six dicarbonic acids of the supposed  
antimetabolites of glutamic acid (GA) on the growth  
of strains of Lactobacillus casei sensitive to the  
lack of GA, and rats was studied. Paranitrobenzoyl  
glutaminic acid (I), disulfide  $\alpha$ -thiopropionic acid

Card 1/3

HUNGARY / Pharmacology and Toxicology--Chemotherapeutic V-6  
Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

(II), disulfide  $\beta$ -thiopyruvate (III), and menthi-  
onine sulfoxide (MS) depressed the growth of L.  
casei (MS acted weakly), and I, II, and III also  
influenced the growth of Enterococcus A. GA eli-  
minated the growth of I, II, and III. The de-  
pressing effect of II on L. casei was weakened by  
cysteine, cystine, and methionine, and the action  
of III by cysteine. Lactamide of glutamic acid  
(2-pyrrolidone-5-carbonic acid) and tosylglutaminyl-  
aspartic acid (N-n-toluolsulfonyl-l-glutaminyl-l-  
asparagine) had no influence on the growth of L.  
casei. In experiments on rats, the action of I,  
II, and IV was tested. I depressed the growth of  
animals. GA did not eliminate this depression  
and even increased it. Under the influence of I,

Card 2/3

KEMENY, T.

"Antiamino-acid action of  $\alpha$ -thiopropionic acid disulphide," J. Sos, L. Csalay, I. Feher, T. Gati, G. Harmos, T. Kemeny, and L. Perenyi, Schweiz. med. Wochr., 1956 86, 1077-1079 (Patho-physiol. Inst. med. Univ., Budapest; Hungary).

(for abstract see card for J. Sos)

KENNEDY-TIEDA

Characteristic symptoms of leukoencephalopathy  
The following symptoms are characteristic of  
leukoencephalopathy: 1. Headache, 2. Nausea,  
3. Vomiting, 4. Stupor, 5. Coma, 6. Convulsions,  
7. Parosmia, 8. Anosmia, 9. Anorexia, 10. Weight  
loss, 11. Depression, 12. Irritability, 13. Agitation,  
14. Hallucinations, 15. Delirium, 16. Memory  
loss, 17. Personality changes, 18. Intellectual  
deterioration, 19. Motor deficits, 20. Sensory  
deficits, 21. Autonomic dysfunction, 22.  
Seizures, 23. Death.

KEMENY, T.

SOS, J.; CSALAY, L.; GATI, T.; KEMENY, T.; KERTAI, P.; MAGY, E.; PERENY, L.;  
SZABO, G., Technikai Asszisztensek: SCHNELL, M.; JONA, M.

Antityrosine compounds. Kiserletes orvostud 9 no.5-6:570-574 Oct-Dec  
58.

1. Budapesti Orvostudományi Egyetem Korelettani Intezete es Orszagos  
Kozegeszsegugy Intezet.

(TYROSINE, antag.

eff. on Lactobacillus casei & rat organs (Hun))

(LACTOBACILLUS, eff. of drugs on

tyrosine antag. on Lactobacillus casei (Hun))

SOS, J.; DÖKLEN, A.; KEMENY, T.

Data on the separation of protein deficiency hunger states. Acta  
physiol. hung. 15 no.4:311-321 1959

1. Pathophysiologisches Institut der Medizinischen Universität, Budapest.  
(PROTEINS, deficiency)  
(HUNGER)



SOS, J.; KEMENY, T.; with the technical assistance of M. Schnell and M. Jona.

On the mode of action of methionine deficiency. Acta physiol.  
hung. 17 no.3:355-360 '60.

1. Institute of Pathophysiology, Medical University, Budapest.  
(METHIONINE Defic)

SOS, Jozsef, dr.; GATI, Tibor, dr.; ~~KEMENY~~, Tibor, dr. RIGÓ, Janos, dr.;  
BUDAVARI, Istvan, dr.; technikai asszisztensek: Schnell, Maria,  
Szabo, Ilona, Jona, Margit.

Alimentary myocardial necrosis in rats. Orv.hetil. 101 no.40:  
1409-1412 2 0 '60.

1. Budapesti Orvostudományi Egyetem, Kóreltani Intézet.  
(MYOCARDIAL INFARCT nutrition & diet)

SOS, J.; KEMENY, T.; RIGO, J.; BUDAVARI, I.; Technical assistance of; SCHELL, M.;  
JONA, M.

Influence of amino acid deficiency on the chemical constitution and  
solidity of the bones. Acta physiol. hung. 19 no.1-4:267-272 '61.

1. Institute of Pathophysiology, Medical University, Budapest.  
(AMINO ACIDS deficiency) (BONE AND BONES chem.)

HUNGARY

CSALAY, L., FRENKL, R., MAKARA, G., HEGYVARI, C., and KEMENY, T., of the Institute of Pathophysiology, Medical University, Budapest [Original version not given].

"Correlation Between Adrenal Activity and Experimental Cardiopathy"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; pp 13-14.

Abstract [Authors' English summary, modified]: The correlation between experimental cardiopathy and adrenal activity, the role of the adrenals in the genesis of the cardiac lesion produced by the cardiopathogenic diet has been investigated. Rats subjected to adrenalectomy and treated with prednisone developed grave liver lesion prior to the appearance of myocardial lesions in response to the cardiopathogenic diet. Chronic ACTH treatment caused aggravation of the cardiopathy and brought about hepatic lesions. The effects of the salt composition of the diet, increased protein, fat and vitamin D<sub>2</sub> intake were also investigated.

1/1

SIMON, Gy.; HARMOS, Gy.; RIGÓ, J.; GATI, T.; KEMENY, T.; SOS, J.

The effects of vitamin E in rats kept on a cardiopathogenic diet. Acta med. acad. sci. Hung. 14 no. 4, 337-359 '63.

1. Institute of Pathophysiology (director: prof. J. Sos)  
University Medical School, Budapest.

\*

SOS, J.; GATI, T.; LEMENY, T.; RIGO, J. Technical assistance: SCHNELL, Maria; JONA, Margit; SZABO, Ilona

Infarctoid cardiac lesions induced by dietetic factors in the dog. Acta med. acad. sci. Hung. 20 no.1:1-8 '64

Infarctoid cardiac lesions induced by dietetic factors in the cock. Ibid.: 9-15

1. Institute of Pathophysiology (Director: J.Sos), University Medical School, Budapest.

L 10322-66

ACC NR: AP6003346

SOURCE CODE: HU/0018/65/017/002/0164/0171

AUTHOR: B. Bodo, Magdolna--B. Bodo, M.; Kemény, Tibor--Kemen', T. 22  
B

ORG: Department of Nutrition Physiology and Pathology, National Institute of Food and Nutrition (Országos Élelmezés- és Táplálkozástudományi Intézet, Táplálkozásleletani és Kortani Osztálya)

TITLE: Investigation of glucose and fructose resorption in protein-deficient rats

SOURCE: Kiserletes Orvostudomány, v. 17, no. 2, 1965, 164-171

TOPIC TAGS: rat, biochemistry, protein, carbohydrate, nutriology, nutrition

ABSTRACT: In rats kept on a low protein diet, the duration of the protein-deficient condition has no great influence on the resorption of glucose and fructose by the small intestines. There is a sufficient quantity of ATP present in the intestinal wall to insure the active process of resorption. The fructose resorption was increased when the resorptive ability of the small intestine was activated by previous glucose resorption; this was especially pronounced toward the end of protein deprivation. The protein and ATP content of the doubly-stressed small intestinal mucosa was considerably decreased and the enzymes participating in resorption, ATP-ase, alkaline phosphatase, lost some of their activity in the course of progressive protein deficiency. These phenomena are an indication that, in cases of protein deficiency, the resorption of sugars indispensable to normal function is attempted by the organism through a maximal exertion of energy. Julia Hajnal and Gyorgy Nagy served as technical assistants for this

Card 1/2

L 10322-66

ACC NR: AP6003346

work. Orig. art. has: 5 figures and 2 tables, [JPRS]

SUB CODE: 06 / SUBM DATE: 23Apr64 / ORIG REF: 004 / OTH REF: 020

Card

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721510020-3"

HUNGARY

KEMENY, Tibor, Dr., and TARJAN, Robert, Dr., National Institute for Nutrition and Nutrition Science (Orszagos Elelmezes es Taplalkozastudomanyi Intezet)[location not given](Director: TARJAN, Robert, Dr.).

"Investigations Aimed to Establish the Adverse Health Effects of DDT"

Budapest, Orvosi Hetilap, Vol 107, No 30, 24 Jul 1966, pp 1407-1409.

Abstract: DDT was administered to five generations of inbred BALB/c-type mice in doses of 0.3-0.6 mg./kg. weight/day (683 animals). The control animals (406) were administered 0.03-0.05 mg./kg. weight/day. The findings indicated that 3.51% of the test animals developed leukemia and 5.41% developed malignant tumors. Among the control animals the incidence was 0.24% and 0.98%, respectively. These findings may be of interest in connection with the ingestion of DDT by humans, possibly through foodstuffs. 14 references, including 3 Hungarian, 4 German, and 7 Western.



VECSEI (WEISZ), P.; KEMENY, V.

The mode of prednisolone administration and the decrease of steroid production. Acta physiol. akad. sci. hung. 21 no.1:73-76 '62.

1. State Institute of Rheumatology and Balneology, Budapest.

(PREDNISOLONE pharmacology)

(ADRENAL CORTEX HORMONES physiology)

VECSEI (WEISZ), P. ; TANKA, D.; KELLER, Maria; KEMENY, Vera; MARTON, J.;  
GOSZTONYI, T.

Determination of succinic dehydrogenase by means of  $^{14}\text{C}$ -labelled triphenyl  
tetrazolium chloride. Acta physiol. acad. sci. hung. 22 no.2:125-129  
'62.

1. National Institute of Rheumatology and Department of Organic Chemistry  
of the Isotope Institute of the National Atomic Energy Commission, Budapest.  
(TETRAZOLIUM SALTS) (SUCCINATE DEHYDROGENASE)

HUNGARY

KEMENY, Veronika, and VECSEY (WEISZ), Pal, of the Research Department of the State Institute of Rheumatology and Balneology (Országos Rheuma- és Furdógyi Intézet Kutató Osztálya) in Budapest.

"Tissue Prednisolone Disappearance"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 2, 1963, pp. 137-142.

Abstract: [English article; authors' English summary] Rats weighing 150 to 200 grams were administered 12.5 milligram prednisolone intravenously. The blood obtained by decapitation 5, 15, 30, and 60 minutes after the injection was collected. The viscera (liver, spleen) were perfused with Ringer's solution through the caudal vena cava. The viscera freed completely from blood were homogenized. The samples of visceral homogenates obtained at different points of time were extracted with chloroform. The steroid content of the extracts was determined by paper chromatography. In blood, disappearance rates corresponding to

1/2

VECSEI-WEISZ, P.; FARKAS, K.; KEMENY, Veronika; TANKA, D.

The effect of combined hydrocortisone and repeated formalin stress on adrenal corticosterone and aldosterone production. Acta physiol. acad. sci. Hung. 24 no.2:229-235 '63.

1. State Institute of Rheumatology and Balneology Budapest.  
(HYDROCORTISONE) (FORMALDEHYDE)  
(CORTICOSTERONE) (ALDOSTERONE)  
(PHYSIOLOGY)

VECSEI-WEISZ, P.; KEMENY, Veronika

Investigations concerning the aldosteronotropic effect of  
ACTH. Acta physiol. acad. sci. Hung. 24 no.2:237-247 '63.

1. Research Laboratory, Institute of Rheumatology and Balneology,  
Budapest.

(CORTICOTROPIN) (ALDOSTERONE)  
(CORTICOSTERONE) (FORMALDEHYDE)  
(ASPHYXIA) (PENTOBARBITAL)  
(PHYSIOLOGY)

KEMENY, Veronika; KEMENY, A.; VECSEI, P.

Adrenal function of newborn and adult rats. Acta physiol. acad. sci. Hung. 25 no.1:31-37 '64.

1. Department of research, State Institute of Rheumatology and Balneology and Institute of Physiology, Veterinary University, Budapest.

VECSEI-WEISZ, P.; KEMENY, Veronika; HARANGOZO, Maria

Further investigations concerning functional changes in the adrenal cortex at the resistance stage of the general adaptation syndrome. Acta physiol. acad. sci. Hung. 27 no.3:265-273 '65.

1. National Institute of Rheumatology and Balneology, Budapest.

VECSEI-WEISZ, P.; PARKAS, K.; KEMENY, Veronika; HARANGOZO, Maria

Incorporation of the radioactivity of  $^3\text{H}$ -progesterone into 18- $^3\text{H}$ -corticosterone and 18-OH-deoxycorticosterone following treatment with formalin and with hydrocortisone during and after pregnancy. Acta physiol. acad. sci. Hung. 28 no.1: 59-64 '65.

1. National Institute of Rheumatology and Balneology, Budapest. Submitted April 30, 1964.



L 15487-66

ACC NR: AT6007457

SOURCE CODE: HU/2505/65/026/00X/0054/0055

AUTHOR: Vecsei, P.; Farkas, K.; Komany, Veronika A.; Gorgonyi, V.

45

B+1

ORG: National Institute of Rheumatism and Balneology, Budapest (Orszagos Rheuma  
es Furdougyi Intezet)

TITLE: Regeneration of the adrenal cortex following enucleation, based on the  
incorporation of H sup 3-progesterone activity into different corticosteroids.  
[This paper was presented at the 29th Meeting of the Hungarian Physiological,  
Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,  
1965, 54-55

TOPIC TAGS: corticosteroid, hydrogen, radioisotope, gland, endocrinology,  
biochemistry, pathology

55

ABSTRACT: The types of steroids into which  
the activity of H<sup>3</sup>-progesterone is incorporated by regenerating adrenal  
tissue have been studied in order to obtain information as to the cytogenesis  
of the regenerating cells and the pathogenesis of the consequent hypertension  
(SKELTON). At variance with literature data, it was found that, after a brief  
initial period, only the functions of the internal zones persisted in the re-

Card 1/2

L 15487-66

ACC NR: AT6007457

generating adrenal tissue while those of the zona glomerulosa have ceased. The activity was mainly incorporated into 18-OH-DOC and corticosterone, hardly any into 18-OH-corticosterone, and none into aldosterone. The appearance of a substance intermediate in polarity between aldosterone and 18-OH-DOC was observed on the activity curve. It is believed that a correlation may exist between the results obtained and certain pathological changes, i.e., the pathological effects may have an influence on the physiological process of adrenal transformation (for example, following treatment with formalin, the function of the zona glomerulosa gains preponderance). [JPRS]

SUB CODE: 06 / SUBM DATE none

Card 2/2 mc

L 15489-66

ACC NR: AT6007458

SOURCE CODE: HU/2505/65/026/GOX/0055/0055

AUTHOR: Kemény, Veronika A.; Kemény, A.; Harangozo, Maria, Vecsei, P. 38

ORG: National Institute of Rheumatism and Balneology, Budapest (Országos Reuma-  
es Furdógyi Intézet); Institute of Physiology, Veterinary Medical University,  
Budapest (Allatorvostudományi Egyetem, Elégtani Intézet) B+1

TITLE: Incorporation of H sup 3-progesterone activity into aldosterone, cortico-  
sterone and 18-OH-corticosteroids in the rat, during pregnancy, immediately after  
delivery and in the newborn state [This paper was presented at the 29th Meeting  
of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae: Acta physiologica, v. 26, Supplement,  
1965, 55

TOPIC TAGS: rat, biologic reproduction, corticosteroid, radioisotope, hydrogen,  
hormone, endocrinology, gland

ABSTRACT: The mode of incorporation of the activity of H<sup>3</sup>-progesterone into cortico-  
steroids by surviving adrenal slices has been investigated. In pregnant rats, no  
significant differences were noted although 18-OH-DOC activity decreased slightly  
and corticosterone activity markedly. It has been shown in earlier studies that

Card 1/2

L 15489-66

ACC NR: AT6007458

the adrenals of newborn rats synthesize less corticosterone from progesterone than do the adrenals of the controls. Immediately after delivery, the 18-OH-corticosterone activity decreased slightly, corticosterone activity decreased moderately, aldosterone activity decreased markedly. As compared with the values obtained for pregnant rats, the decrease in incorporated activity was particularly marked immediately after delivery. [JPRS]

SUB CODE: 06 / SUBM DATE: none

SB

Card 2/2

L 33792-66

ACC NR: AT6025181

SOURCE CODE: HU/2505/65/028/001/0059/0064

AUTHOR: Vecsei-Weisz, Pal--Vecsei-Veys, P. (Budapest); Farkas, Karoly--Farkash, K. (Budapest); Kemery, Veronika--Kemen', V. (Budapest); Harangozo, Maria--Kharangozo, M. (Budapest)

ORG: National Institute for Rheumatology and Balneology, Budapest (Országos Reuma és Furdógyi Intézet)

TITLE: Incorporation of the radioactivity of  $^3\text{H}$ -progesterone into 18-OH-corticosterone and 18-OH-deoxycorticosterone following treatment with formalin and with hydrocortisone during and after pregnancy 14/ B+1

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 1, 1965, 59-64

TOPIC TAGS: corticosteroid, hormone, endocrinology, rat, biologic reproduction

ABSTRACT: Albino rats were treated with formalin or hydrocortisone. Different groups of animals were killed during pregnancy or a few days after delivery. Surviving sections of their adrenals were incubated with  $^3\text{H}$ -progesterone and the radioactivity incorporation into the various corticosteroids was studied.

Special attention was paid to 18-OH-corticosterone and 18-OH-deoxycorticosterone since the quantitative determination of these steroids presents difficulties. The activity (and apparently also the quantity) of 18-OH-corticosterone was increased by formalin treatment; treatment with hydrocortisone failed to produce similar results. The uptake of radioactivity into the corticosteroids produced usually diminished after delivery.

Orig. art. has: 5 figures. /Orig. art. in Eng./ /JPRS: 33,500/

SUB CODE: 06 / SUBM DATE: 30Apr64 / ORIG REF: 002 / OTH REF: 017

Card 1/1 *LLB*

*8976**0545*

L 28996-66

ACC NR: AT60M9379

SOURCE CODE: HU/2505/65/027/003/0265/0273

AUTHOR: Vecsei-Weisz, Pal; Kemeny, Veronika; Harangozo, Maria

ORG: National Institute of Rheumatology and Balneology, Budapest (Orszagos Rheuma es Furdogyi Intezet)

TITLE: Further investigations concerning functional changes in the adrenal cortex at the resistance stage of the general adaptation syndrome

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 3, 1965, 265-273

TOPIC TAGS: rat, adrenal gland, corticosteroid, biosynthesis, radiation biologic effect, drug effect

ABSTRACT: The resistance stage of the general adaptation syndrome has been evoked in rats by the repeated administration of formalin, and the resulting functional changes were studied by the invitro incubation of surviving adrenal slices. The aldosterone production was found to be augmented, the corticosterone production unaltered. The production rate of both increased following addition of a progesterone precursor to the incubation medium; after formalin treatment, the increase in aldosterone production was equal to that of the controls while the increase in corticosterone synthesis was more pronounced in the treated animals. After addition of a corticosterone precursor, the rise in aldosterone production was equal in control and formalin-treated groups. These tests afforded an insight into the biosynthesis of adrenocortical steroids in formalin-treated rats and the observations are an argument against the probability of a disturbance in corticosterone-aldosterone transformation. In spite of the quantitative changes, no essential difference in incorporation of the radioactivity into aldosterone and corticosterone was found after the addition of H<sup>3</sup>-progesterone to the incubation medium, nor were any differences observed in the course of disappearance experiments made with H<sup>3</sup>-labelled corticosterone. Orig. art. has 3 figures and 2 tables. (Orig. art. in Eng.) [JPRS] SUB CODE: 06 / SUBM DATE: 06 Apr 66 / ORIG REF: 014 / OTH REF: 014

HEMERY, Z.

Variable pieces of furniture. p.148

FAIPAR. (Faipari Tudomanyos Egyesulet)  
Budapest, Hungary  
Vol. 9, no.5, May 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959  
Uncl.

Kemeny, Z.

Our furniture exhibition at the Industrial Fair. p. 254

FAIPAR. (Faipari Tudomanyos Egyesulet)  
Budapest, Hungary. Vol. 9, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11  
November 1959  
Uncl.



KERENY, Zoltan

Problem of wide-ranging propagation of modern furniture. Fairpar  
11 no.9:269-273 S '61.

KEMENY, Zoltan, tervezo

Hungary's furniture industry at the 1960 industry fair. Faipar  
10 no.7:210-213 J1 '60.

KEMENYI, G.

"Innovations of Workers in the Industrial Products Trade", P. 5.  
(UJITOK LAIJA, Vol. 6, No. 18, Sept. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

KEMENYFI, G.

"Study of the hygroscopicity of hard candles." p. 61.

"Postgraduate training of engineers in the food industry." p. 62.

Elelmezesi Ipar, Budapest, Vol. 8, No. 2, Feb. 1954,

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

BALLO, Tibor, dr.; DOBIAS, Gyorgy, dr.; KIMENYVAI Jozsef, dr.

Serotherapy of infantile staph infections. Orv. hetil. 106  
no.25:1161-1165 20 Je '65

1. Fovarosí IV. ker. Tanács, Árpád Kórház, Gyermekosztály és  
Orvostovábbképző Intézet, Laboratórium Vizsgálatok Tanszéke.

DOBIAS, Gyorgy, Dr.; BALLO, Tibor, Dr.; KEMENYVARI, Jozsef

Staphylococcal a-antitoxin titer infantile childhood and adult py-  
odermas. II. Orv. hetil. 100 no.11:394-399 15 Mar 59.

1. A Human Oltoanyagtermelo es Kutato Intezet (Igazgato: Veres Gabor  
dr.) a Fovarosi Arpad Koskorhas (igazgato: Lorand Sandor dr. kandita-  
tus) Gyermekosztalyanak (foorvos: Ballo Tibor dr.) kozlemenye.

(PYODERMA, immunol.)

Micrococcus pyogenes a-antitoxin titer in infantile  
childhood & adult pyodermas (Hun))

(MICROCOCCUS PYOGENES, immunol.

a-antitoxin titer in infantile childhood & adult  
pyodermas (Hun))

KEMENYVARI, JOSEF

LOBIAS, Gyorgy, Dr.; BALLO, Tibor, Dr.; KEMENYVARI, Jozsef, Dr.

Influence of colostrum on the staphylococcal a-antitoxin titer in newborn. Orv. hetil. 98 no.36:983-986 8 Sept 57.

1. A Human Oltoanyagtermelo es Kutato Intezet (igazgato: Veres Gabor dr.) es a Fovarosi Arpad Koskorhas (igazgato Lorand Sandor dr. kandidatus) Gyermekosztalyanak (foorvos: Ballo Tibor dr.) kozlemenye.

(INFANT, NEWBORN, blood in

Micrococcus pyogenes a-antitoxin titer, comparison with maternal antitoxin titer & role of colostrum in transm. (Hun))

(MICROCOCCUS PYOGENES

a-antitoxin titer in newborn inf., comparison with maternal antitoxin titer & role of colostrum in transm. (Hun))

(COLOSTRUM

in transm. of maternal Micrococcus pyogenes a-antitoxin to inf. (Hun))

DOBIAS, Gyorgy, dr.; BALLO, Tibor, dr.; KEMENYVARI, Jozsef, dr.

III. Direct demonstration of staphylococcal alpha toxin in pus.  
Clinical significance of the method. Orv.hetil. 101 no.28:983-985  
10 J1 '60.

1. Human Oltocanyagtermelo es Kutato Intezet, Fovarosi Arpad  
Gyermekosztaly.

(STAPHYLOCOCCUS)

(TOXINS AND ANTITOXINS)

(EXUDATES AND TRANSUDATES microbiol)



DOBIAS, Gyorgy, dr.; BALLO, Tibor, dr.; KEMENYVARI, Jozsef, dr.

On etiological and clinical aspects of staphylococcal toxicosis in infants. Gyermekgyógyászat 13 no.3:73-84 Mr '62.

1. A Fovarosí IV ker. Tanács Korhazának Laboratoriuma és a Forvarosi Arpad Korhaz Gyermekosztalya.

(STAPHYLOCOCCAL INFECTIONS in inf & child)

BREGADZE, Yu.I.; BREYISH, I.V.; GUBATOVA, D.Ya.; KEMER, R.Ya. [Kemers, R.];  
LAPENAS, A.A.

Channel of the IRT-2000 reactor for radiobiological investigations.  
Radiobiologiya 4 no.4:627-631 '64. (MIRA 17:11)

1. Institut fiziki AN Latviyskoy SSR, Institut biologii AN Lat-  
viyskoy SSR i Institut biologicheskoy fiziki AN SSSR, Moskva.

L 22418-66 EWT(m)/EPF(n)-2/ENG(m)/ENA(h) WW  
 ACC NR: AP6007955 SOURCE CODE: UR/0089/66/020/002/0155/0157  
 AUTHORS: Baltmugur, K. K.; Gubatova, D. Ya.; Kemer, R. Ya. 32  
 ORG: none 13

TITLE: Measurement of fast-neutron fluxes from the IRT-2000 reactor 19

SOURCE: Atomnaya energiya, v. 20, no. 2, 1966, 155-157

TOPIC TAGS: fast neutron, neutron flux, neutron reaction, particle detector, proton reaction, alpha particle reaction/IRT 2000

ABSTRACT: The authors compare the true spectrum of fast neutrons produced in the atomic reactor of the Institute of Physics of the Academy of Sciences of the Latvian SSR with the theoretical values, and determine the fluxes of fast neutrons in the experimental channels of the reactor. The method of threshold detectors was used, using (n, n') reactions with In<sup>115</sup> and Hg<sup>199</sup>, (n,p) reactions with Ni<sup>58</sup>, S<sup>32</sup>, Zn<sup>64</sup>, Al<sup>27</sup>, Mg<sup>24</sup>, and Fe<sup>56</sup>, and (n,α) reactions with Al<sup>27</sup>. The

Card 1/2 UDC: 621.039.55

L 22418-66

ACC NR: AP6007955

preparation of the detectors and their disposition in the channels are briefly described. The maximum flux of fast neutrons with energy higher than 1.5 Mev was found to be in the central channel and amounted to  $8.3 \times 10^{12}$  neut/cm<sup>2</sup>-sec at a reactor power of 1000 kW.. This agrees with analogous data for the IRT-1000 reactor in Sofia. The accuracy of the results and methods of reducing the experimental error are briefly discussed. Orig. art. has: 3 figures, 1 formula, and 2 tables.

SUB CODE: 20/ SUBM DATE: 30Jul65/ ORIG REF: 002/ OTH REF: 006

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2/2

**"APPROVED FOR RELEASE: 06/13/2000**

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**APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000721510020-3"**

**"APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000721510020-3**

**APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000721510020-3"**

*KEMERS, J.*

CZECHOSLOVAKIA / Chemical Technology. Chemical Products      H  
and Their Application. Preparation of Water.  
Waste Water.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64863

Author : Kemers J

Inst : -

Title : Problem of Phenol Waste Waters in Czechoslovakia

Orig Pub: Voda, 1956, 35, No 10, 291-295

Abstract: Information concerning the program and activity  
of the Czechoslovakian phenol commission. Data  
are cited on the quantity of phenols formed during  
the various methods of chemical treatment of coal.

Card 1/1

*ACWILNIA, 1958, 2. 5*

Country : USSR

Category: Cultivated Plants. Medicinal. Essential Oil-Bearing.      H

.. APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721510020-3"

Abs Jour: RZhBiol., No 11, 1958, No 49156

Author : Kenertelidze E.P.

Inst : Tiflis Sci. Res. Inst. of Chemistry and Pharmaceutics

Title : Anatomical Structure of Ciliate Foxglove.

Orig Pub: Sb. tr. Tbilissk. n.-i. khim.-farmtsevt. in-ta, 1956,  
kn. 8, 43-50

Abstract: The problem of utilizing the native Caucasian  
ciliate foxglove in medicine was solved at the  
Tbilisskiy Scientific Research Institute of Chemi-  
stry and Pharmaceutics. A highly active amount of  
glucosides in dry form - digitacidysc was separated  
from the ciliate foxglove. For treatment of cardio-

Card : 1/3

M-187

KEMERTELIDZE, E.P.

Steroid sapogenins from *Digitalis ciliata* Trautv. Khim.  
prirod. soed. no.5:315-318 '65.

(MIRA 18:12)

1. Institut farmakokhimii imeni I.G. Kutateladze AN  
Gruzinskoy SSR. Submitted July 7, 1965.



KEMERTELIDZE, E.2.

New method for preparing the cardiac drug digalen-neo. Soob.  
AN Gruz. SSR 25 no. 3:285-288 S '60. (MIRA 14:1)

1. Tbilisskiy nauchno-issledovatel'skiy khimiko-farmatsevti-  
cheskiy institut, Tbilisi. Predstavleno akademikom I.G.  
Kutateladze.

(Cardiac glycosides)

KEMERTELIDZE, E.P.

New cardiac preparations, digicilen and digicil. Med. prom.  
15 no.7:36-38 JI '61. (MIRA 15:6)

1. Institut farmakokhimii AN Gruzinskoy SSR.  
(DIGITALIS)

KEMESHIS, A.T.[Kemesis, A.] (Sheduvskiy rayon, Litovskaya SSR)

Use of atoxyl in infectious stomatitis of rabbits. Veterinaria  
39 no.10:55 0 '62. (MIRA 16:6)

(Atoxyl) (Lithuania—Stomatitis in animals)  
(Lithuania—Rabbits—Diseases and pests)

*KEMESHIS, P. P.*

SOV/112-58-1-720D

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 107 (USSR)

AUTHOR: Kemeshis, P.P.

TITLE: Ferrodynamic Polar-Coordinate Vectormeter With Two Degrees of Freedom (Ferrodinamicheskiy polyarno-koordinatnyy vektormer s dvumya stepenyami svobody)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to Kaunassk. politekhn. in-t (Kaunas Polytechnic Institute), Kaunas, 1957.

ASSOCIATION: Kaunassk. politekhn. in-t (Kaunas Polytechnic Institute)

1. Instruments    2. Mathematics

Card 1/1